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Appl. Serial No. 09/966,049  
Amendment Dated November 11, 2005  
Reply to Office Action of July 25, 2005

31876-0263

**In The United States Patent & Trademark Office**

First Inventor: Boehm, Fritz A.  
Serial No.: 09/966,049  
Confirmation No.: 5410  
Filed: September 28, 2001  
For: Grid that Tracks the Occurrence of a N-Dimensional Matrix of  
Combinatorial Events in a Simulation Using a Linear Index  
Docket No.: 31876-0263  
Art Unit: 2123  
Examiner: Stevens, Thomas H.

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450  
VIA FACSIMILE 571-273-8300 (Central Patent Facsimile)

**Amendment Under 37 CFR 1.111**

In response to the Office Action mailed July 25, 2005, please amend this US  
patent application as follows:

**Amendments to the Specification** begin on page 2 of this paper. (includes  
amendments to title, abstract, specification)

**Amendments to the Claims** are reflected in the listing of claims that begins on page 3  
of this paper.

**Remarks/Arguments** begin on page 14 of this paper.